

	airport
1	[PK] iatacode latitude longitude

foreign key

city
[PK] name [PK] country [PK] province latitude longitude

	segment_data
	[PK] segment_id flight_id takeoff_location takeoff_time landing_location landing_time
n	
n	

landing_time of a segment is always greater than its takeoff_time

There are up to two segments with the same flight_id

In case there are two segments belonging to particular flight_id (seg1 and seg2), either seg1.landing_location = seg2.landing_location and seg1.landing_time <= seg2.takeoff_time, or vice versa. This way transfer is possible